Class Responsibilities

Management System

The management system class is the controller of the system. Its responsibility is to make sure that the use cases in the system are implemented correctly and that the operations happen in the correct sequence.

It has the following responsibilities:

1. Updating display
2. Scheduling screening
3. Rescheduling screening
4. Canceling screening
5. Selling tickets

Cinema

The cinema class is representing the central point of the system. It has the following responsibilities:

6. Remembering all of the **movie** objects in the system
7. Remembering all of the **screen** objects in the system
8. Remembering all of the **screening** objects in the system

Screening

The screening class represents a single screening includes the movie and screen which has been made by a cinema staff. It remembers the **date** and the **start time** of the screening as well as which **screen** the particular **movie** was assigned to. More importantly it should maintain the correct **ticket sold** count.

Movie

This class represents a single movie. Each object remembers the **name** and **duration** of a particular movie.

Screen

This class represents a single screen. Each object remembers the name and capacity of a particular screen in the cinema.